

AMENDMENTS TO THE CLAIMS:

The following is a complete listing of the claims.

1.-52. (canceled)

53. (original) A kit comprising:

a substrate attached to an unlabeled probe polynucleotide comprising first and second complementary regions and a third region located between the first and second complementary regions, wherein the probe polynucleotide can form a stem-loop structure in which the first and second complementary regions hybridize to each other to form a stem and the third region forms a loop, wherein at least a part of the third region is complementary to at least a part of a capture sequence of an amplification product from a target polynucleotide, wherein the unlabeled probe polynucleotide can preferentially hybridize to the amplification product and thereby disrupt formation of the stem-loop structure under at least one set of hybridization conditions;

a reagent for incorporating a label into the amplification product;

a housing for retaining the substrate and the reagent; and

instructions provided with said housing that describe how to use the components of the kit to assay a sample for the amplification product.

54. (original) The kit of claim 53, wherein the reagent is a labeled nucleotide.

55. (original) The kit of claim 53, wherein the reagent is a labeled primer.

56. (original) The kit of claim 53, wherein the substrate is attached to a plurality of different unlabelled probe polynucleotides, wherein each of said different unlabelled probe polynucleotides is attached at an identifiable location on the substrate, wherein each of

said different probe polynucleotides can preferentially hybridize to a corresponding different amplification product, each of said corresponding different amplification products comprising a label that can be the same or different as the label on the other corresponding different amplification products, wherein each of said different probe polynucleotides comprises first and second complementary regions and a third region located between the first and second complementary regions, and further wherein each of said different probe polynucleotides can form a stem-loop structure in which, the first and second complementary regions hybridize to each other to form a stem and the third region forms a loop, wherein at least a part of the third region of each of said different probe polynucleotides is complementary to at least a part of its corresponding different amplification product, and wherein each of said different probe polynucleotides can preferentially hybridize to its corresponding different amplification product and thereby disrupt formation of its stem-loop structure under at least one set of hybridization conditions, and wherein said instructions further describe how to use the components of the kit to assay the sample for each of said corresponding different amplification products.

57.-58. (canceled)